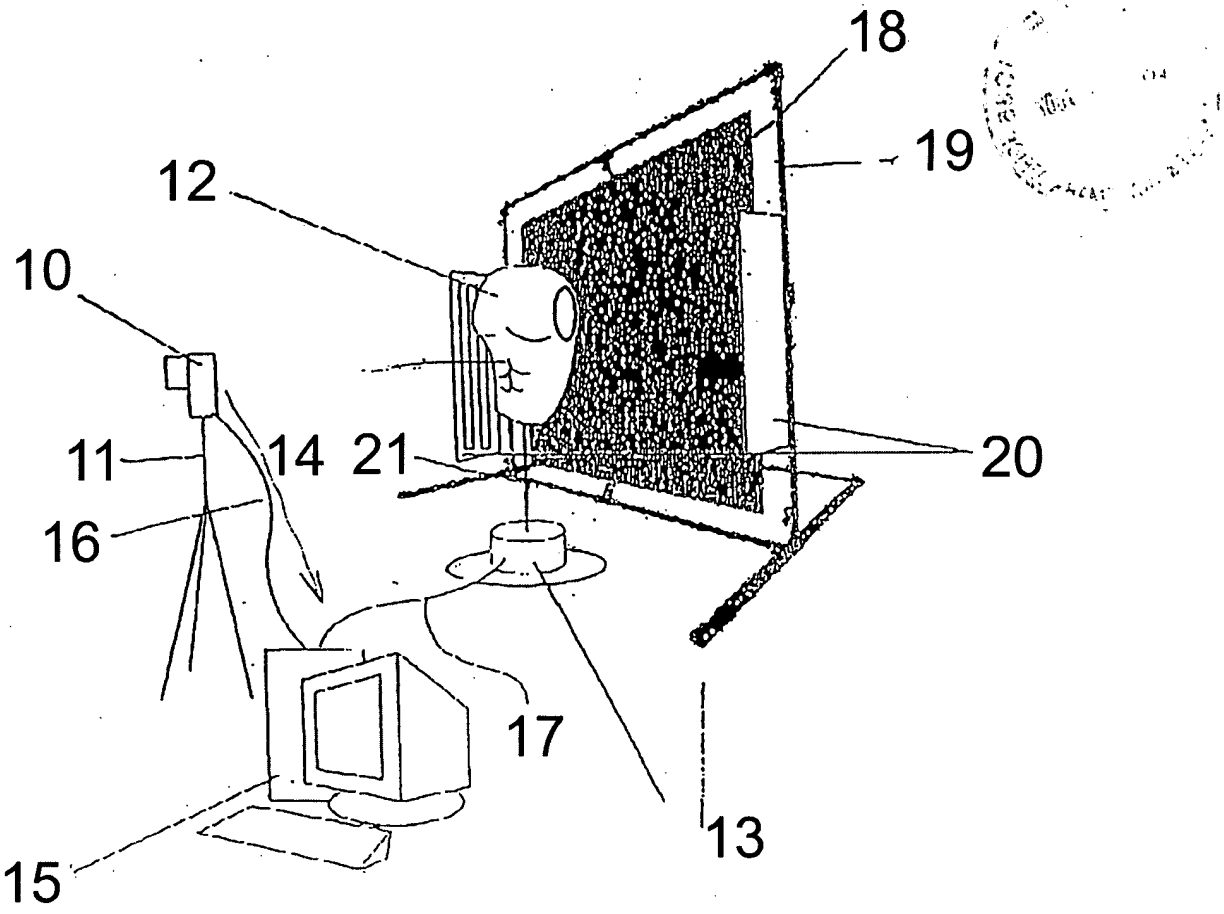

Figure 1A

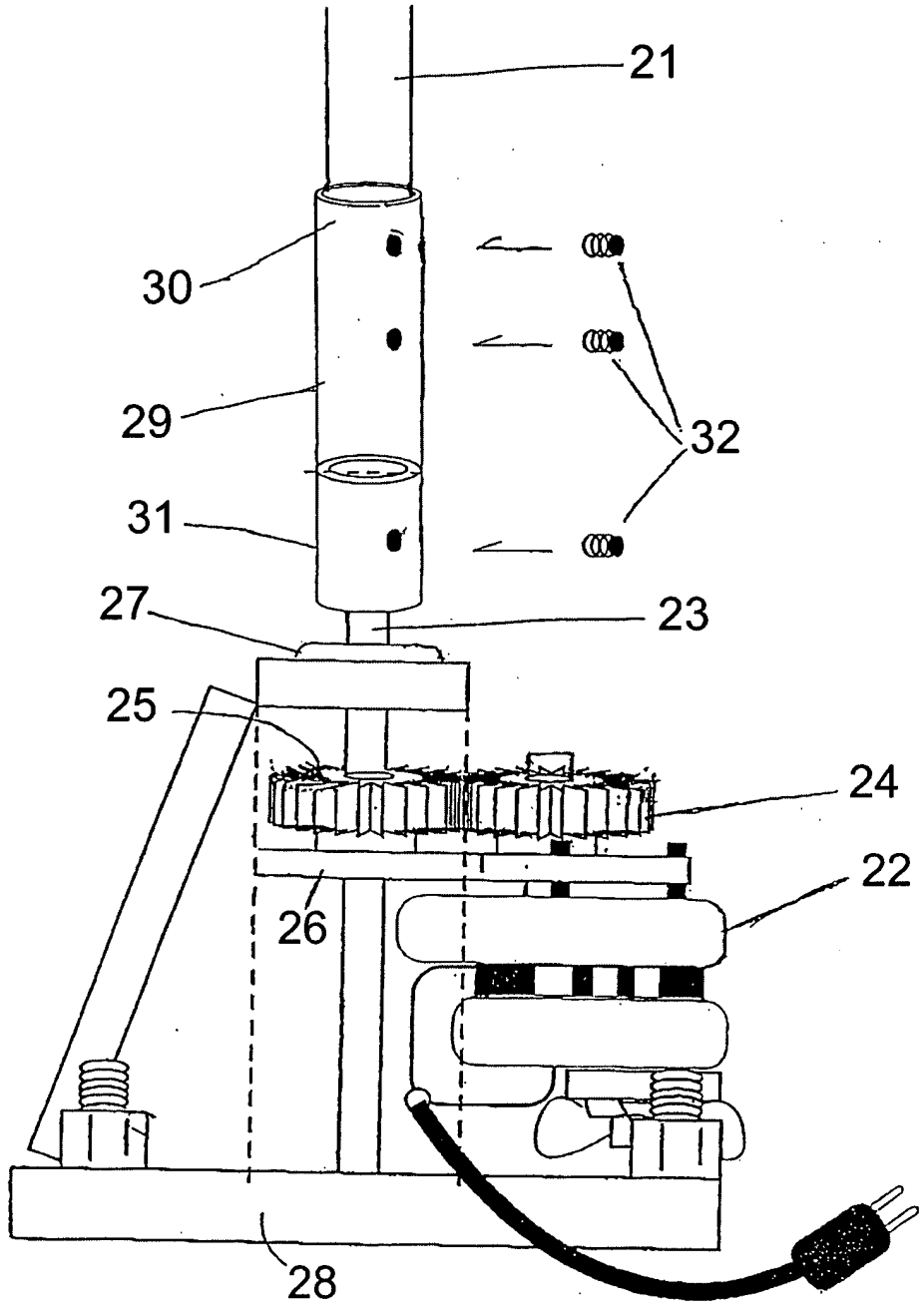

Figure 1B

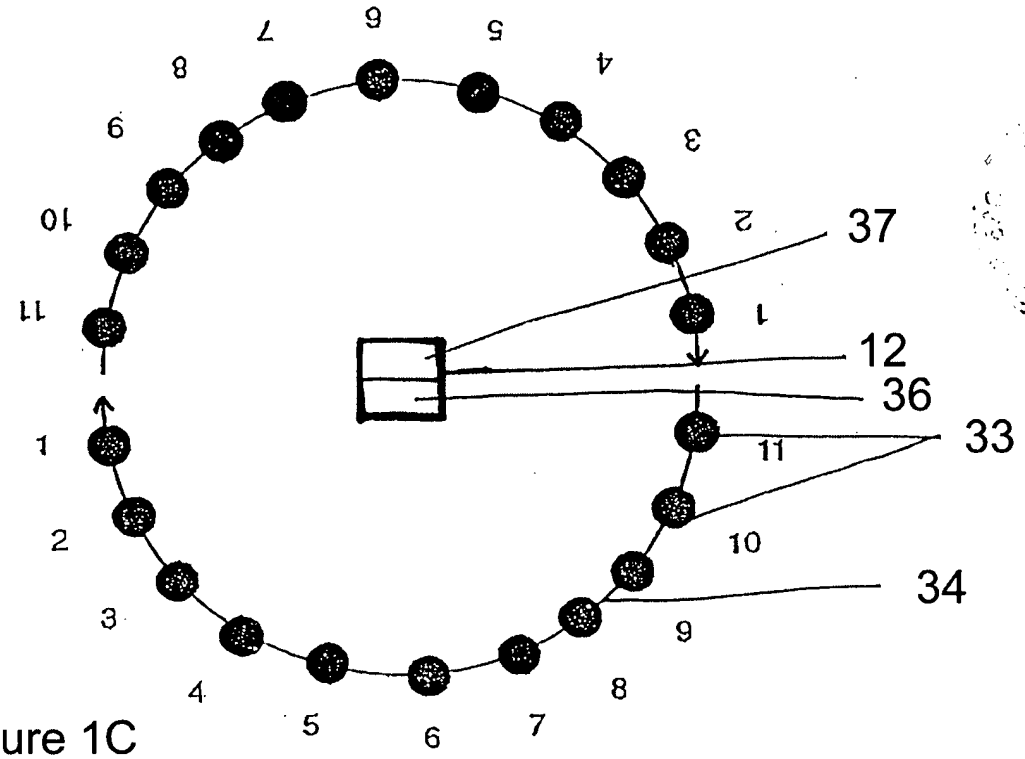

Figure 1C

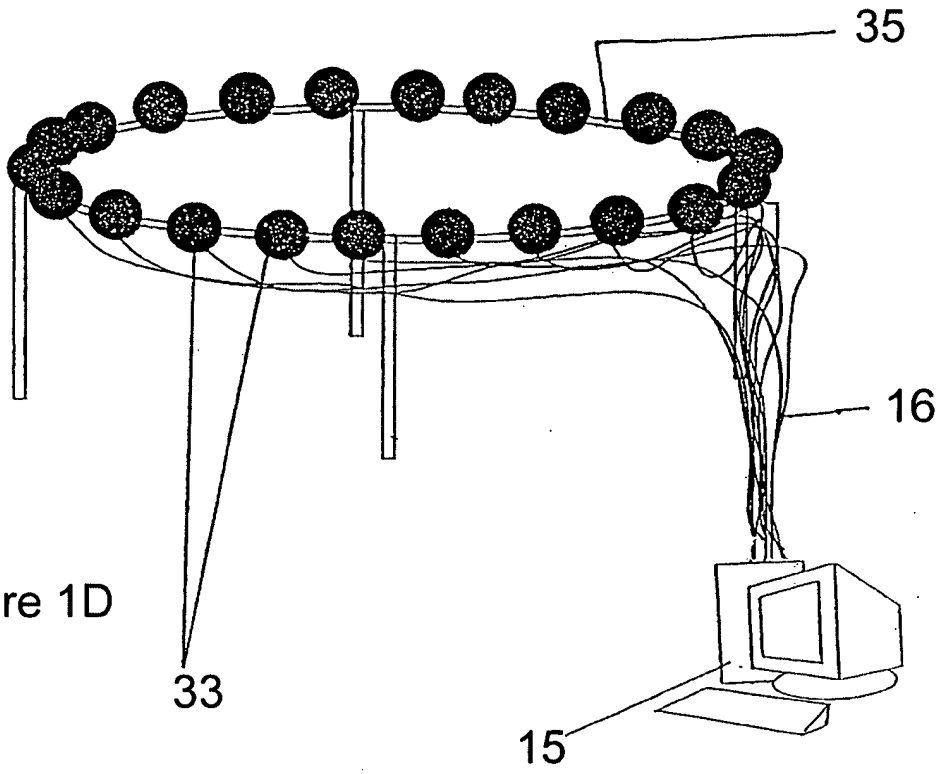

Figure 1D

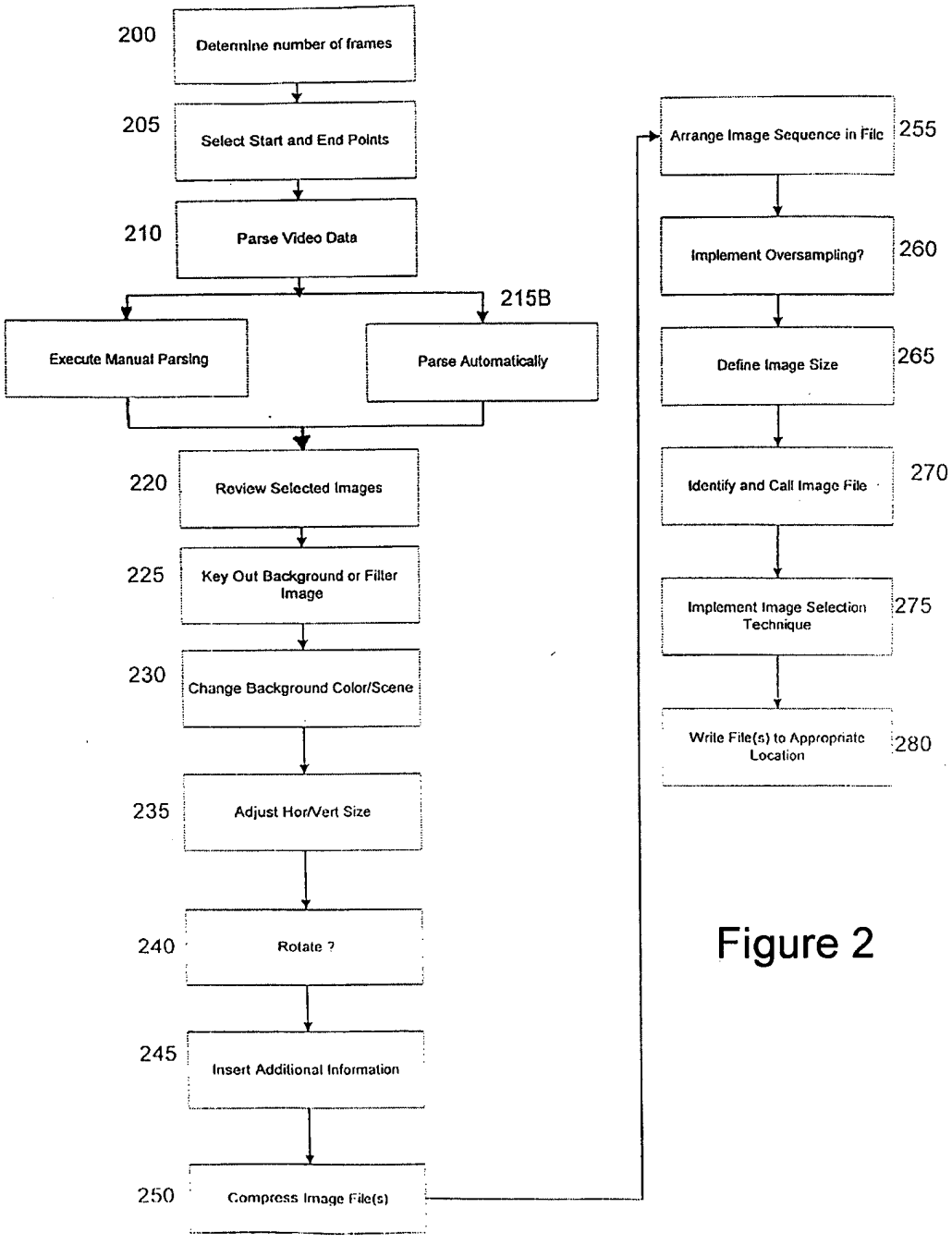

Figure 2

09745505 - 062450

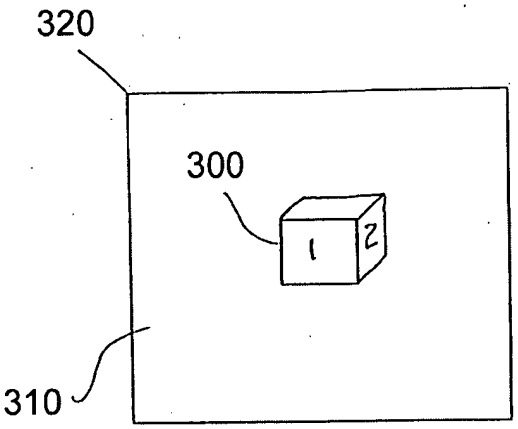

Figure 3

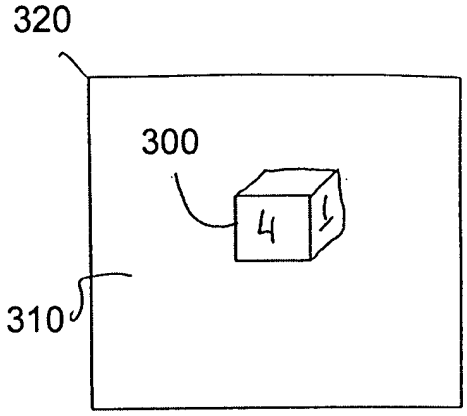

Figure 4

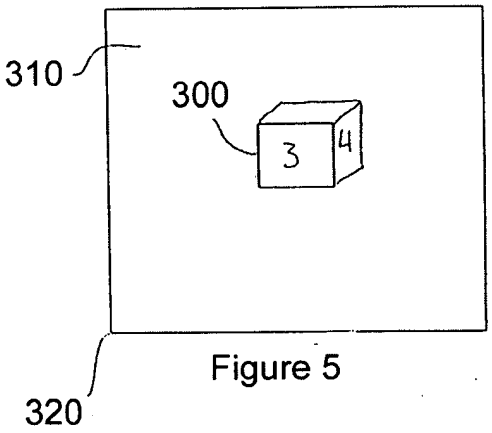

Figure 5

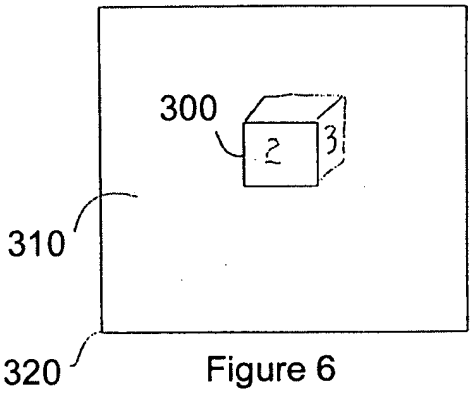

Figure 6

09/755,268 - 05/15/2003

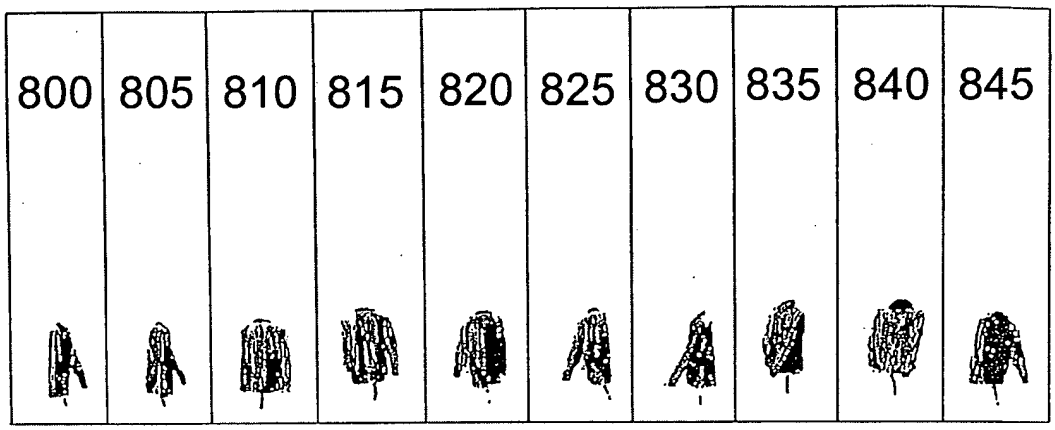

Figure 7

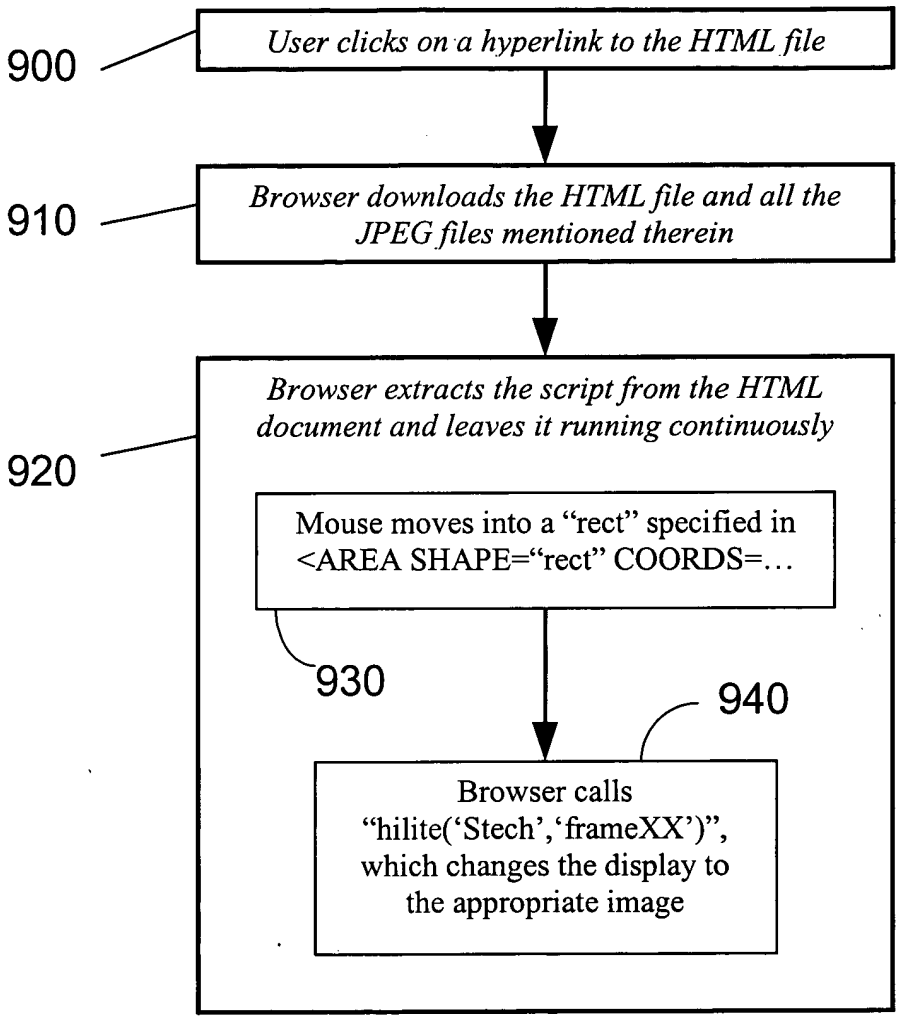
900
User clicks on a hyperlink to the HTML file
910
Browser downloads the HTML file and all the JPEG files mentioned therein
920
Browser extracts the script from the HTML document and leaves it running continuously
Mouse moves into a "rect" specified in <AREA SHAPE="rect" COORDS=...
930
940
Browser calls "hilite('Stech','frameXX')", which changes the display to the appropriate image

Figure 8

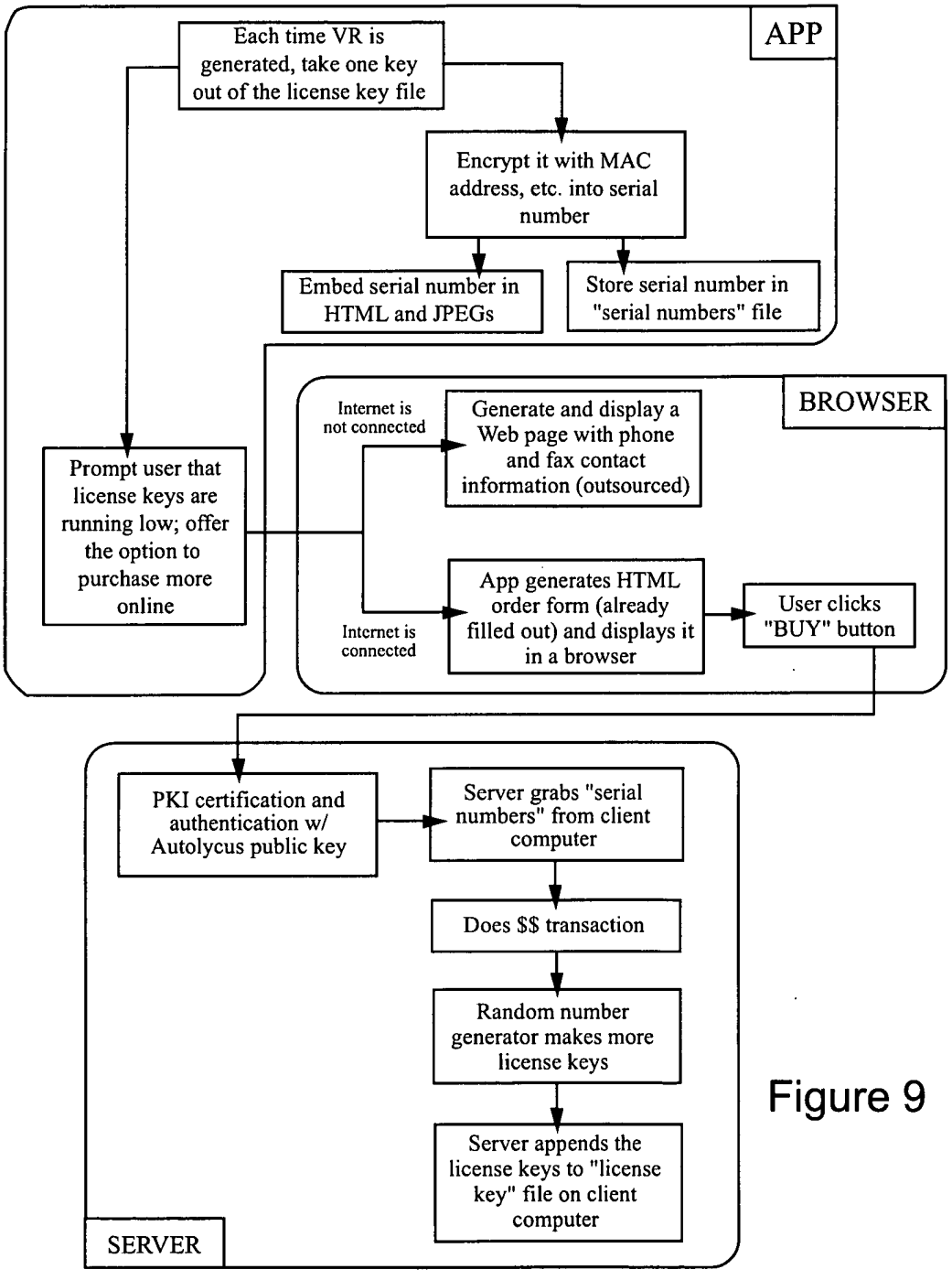
APP
Each time VR is generated, take one key out of the license key file
Encrypt it with MAC address, etc. into serial number
Embed serial number in HTML and JPEGs
Store serial number in "serial numbers" file
BROWSER
Internet is not connected
Generate and display a Web page with phone and fax contact information (outsourced)
Prompt user that license keys are running low; offer the option to purchase more online
Internet is connected
App generates HTML order form (already filled out) and displays it in a browser
User clicks "BUY" button
PKI certification and authentication w/ Autolycus public key
Server grabs "serial numbers" from client computer
Does $$ transaction
Random number generator makes more license keys
Server appends the license keys to "license key" file on client computer
SERVER

Figure 9

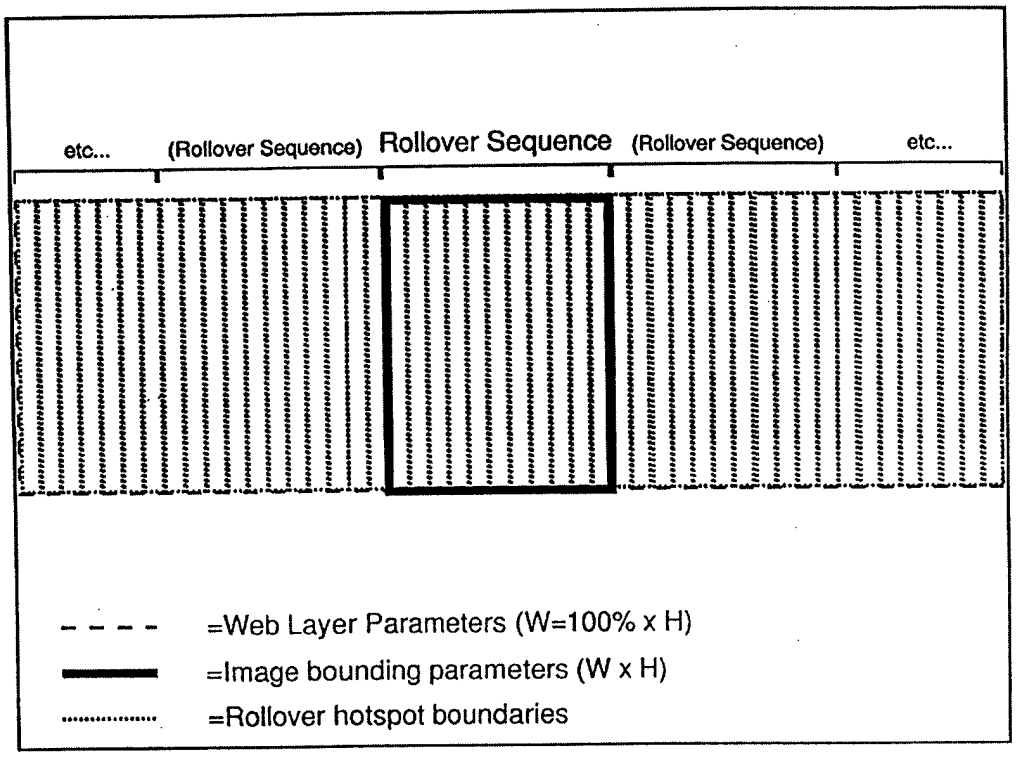
etc...
(Rollover Sequence)
Rollover Sequence
(Rollover Sequence)
etc...
=Web Layer Parameters (W=100% x H)
=Image bounding parameters (W x H)
=Rollover hotspot boundaries

Figure 10

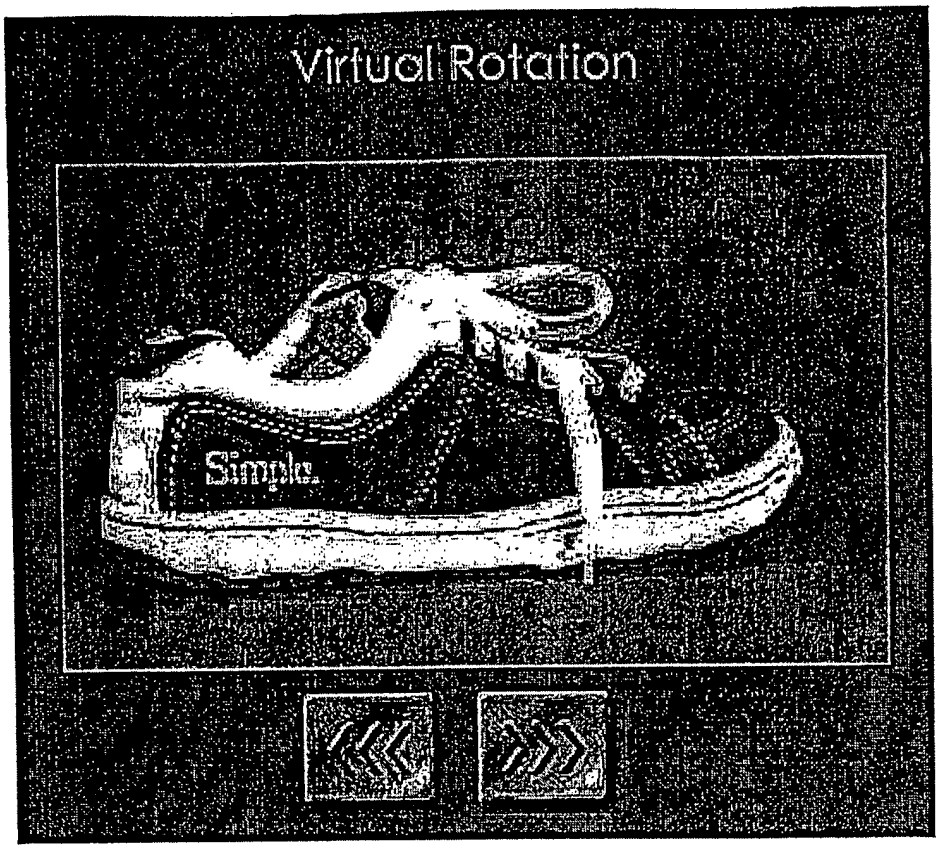

Figure 11

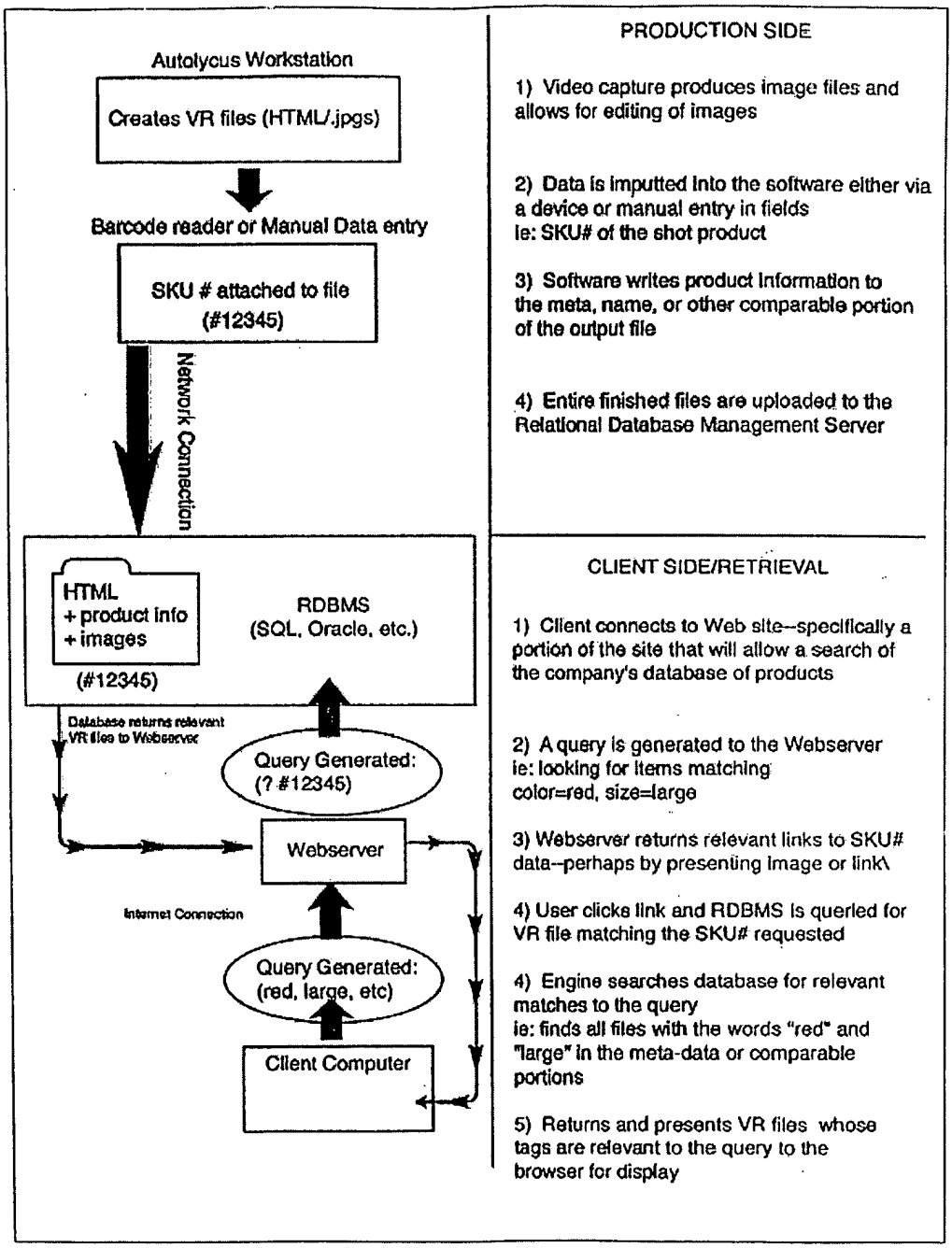
Autolycus Workstation
Creates VR files (HTML/.jpgs)
Barcode reader or Manual Data entry
SKU # attached to file
(#12345)
Network Connection
HTML
+ product info
+ images
(#12345)
RDBMS
(SQL, Oracle, etc.)
Database returns relevant
VR files to Webserver
Query Generated:
(? #12345)
Webserver
Internet Connection
Query Generated:
(red, large, etc)
Client Computer
PRODUCTION SIDE
1) Video capture produces image files and allows for editing of images
2) Data is imputted into the software either via a device or manual entry in fields
Ie: SKU# of the shot product
3) Software writes product information to the meta, name, or other comparable portion of the output file
4) Entire finished files are uploaded to the Relational Database Management Server
CLIENT SIDE/RETRIEVAL
1) Client connects to Web site--specifically a portion of the site that will allow a search of the company's database of products
2) A query is generated to the Webserver
Ie: looking for items matching
color=red, size=large
3) Webserver returns relevant links to SKU# data--perhaps by presenting image or link\
4) User clicks link and RDBMS is queried for VR file matching the SKU# requested
4) Engine searches database for relevant matches to the query
Ie: finds all files with the words "red" and "large" in the meta-data or comparable portions
5) Returns and presents VR files whose tags are relevant to the query to the browser for display

Figure 12